

Message

**From:** [Nonresponsive based on revised scope]@gdit.com]  
**Sent:** 4/17/2019 7:58:09 PM  
**To:** Baker, Lorie [Baker.Lorie@epa.gov]; Gaines, Linda [Gaines.Linda@epa.gov]; Wendel, Jennifer [Wendel.Jennifer@epa.gov]  
**CC:** Jeng, Terry [Jeng.Terry@epa.gov]; [Nonresponsive based on revised scope]mindspring.com; [Nonresponsive based on revised scope]gdit.com];  
**Subject:** RE: Documenting PFAS as a pollutant or contaminant  
**Attachments:** Blades PFAS Memo-4-12-19\_Annotated.docx

Hi Lorie,

I want to pass along some GDIT feedback from our team. Most of the feedback are minor edit suggestions. Please let me know if you have any questions.

[Nonresponsive based on revised scope]

Environmental Scientist  
Federal Civilian – Science and Engineering

[Nonresponsive based on revised scope]

6361 Walker Lane, Suite 300  
Alexandria, VA 22310  
[www.gdit.com](http://www.gdit.com)

Working at Home Office: Wednesdays and Thursdays (unless otherwise noted).

**GENERAL DYNAMICS**  
Information Technology

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**From:** Baker, Lorie <Baker.Lorie@epa.gov>  
**Sent:** Friday, April 12, 2019 10:33 AM  
**To:** Gaines, Linda <Gaines.Linda@epa.gov>; Wendel, Jennifer <Wendel.Jennifer@epa.gov>; [Nonresponsive based on revised scope]  
[Nonresponsive based on revised scope]csra.com>  
**Cc:** Jeng, Terry <Jeng.Terry@epa.gov>; [Nonresponsive based on revised scope]com; [Nonresponsive based on revised scope]  
[Nonresponsive based on revised scope]csra.com> [Nonresponsive based on revised scope]csra.com>  
**Subject:** RE: Documenting PFAS as a pollutant or contaminant

Linda,

We've revised the Region 2 document based on recommendations by GDIT and we'd appreciate your review if you have the time. Although we have MWs well above 400 ng/l, we don't have any municipal wells above that level.

Thanks!

Lorie

Lorie Baker  
NPL Coordinator/RPM/SAM

Hazardous Site Cleanup Division (3HS12)  
EPA Region III  
1650 Arch Street  
Philadelphia, PA 19103  
[Baker.lorie@epa.gov](mailto:Baker.lorie@epa.gov)  
215-814-3355

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**From:** Gaines, Linda

**Sent:** Thursday, April 11, 2019 4:51 PM

**To:** Wendel, Jennifer <[Wendel.Jennifer@epa.gov](mailto:Wendel.Jennifer@epa.gov)>; Baker, Lorie <[Baker.Lorie@epa.gov](mailto:Baker.Lorie@epa.gov)>;

Nonresponsive based on revised scope

Nonresponsive based on revised scope

**Cc:** Jeng, Terry <[Jeng.Terry@epa.gov](mailto:Jeng.Terry@epa.gov)>; **Nonresponsive based on revised scope**

Nonresponsive based on revised scope

**Subject:** RE: Documenting PFAS as a pollutant or contaminant

I know why we used dose in the HRS package for [redacted] but it is generally easier for initial discussions to discuss concentrations in the well. The level is 400 ng/l (ppt) to be above a risk level using the equations from SCDM. Just FYI.

Linda G.T. Gaines, Ph.D., P.E., BCEE  
Environmental Engineer  
U.S. Environmental Protection Agency  
OLEM/OSRTI/ARD/Science Policy Branch  
[Gaines.Linda@epa.gov](mailto:Gaines.Linda@epa.gov)  
Phone: (703) 603-7189

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**From:** Wendel, Jennifer

**Sent:** Thursday, April 11, 2019 4:31 PM

**To:** Baker, Lorie <[Baker.Lorie@epa.gov](mailto:Baker.Lorie@epa.gov)>;

Nonresponsive based on revised scope

**Cc:** Jeng, Terry <[Jeng.Terry@epa.gov](mailto:Jeng.Terry@epa.gov)>;

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Gaines, Linda <[Gaines.Linda@epa.gov](mailto:Gaines.Linda@epa.gov)>

**Subject:** RE: Documenting PFAS as a pollutant or contaminant

Ok great. Then you should be ok using Level II based on a level that is greater than 3 times background. The dose calculation just allows us to include the release as a "hazardous substance"

*Jennifer Wendel*

Office of Superfund Remediation and Technology Innovation  
US Environmental Protection Agency  
1200 Pennsylvania Avenue, NW  
Washington DC 20460  
phone: 404-562-8799  
[wendel.jennifer@epa.gov](mailto:wendel.jennifer@epa.gov)

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**From:** Baker, Lorie

**Sent:** Thursday, April 11, 2019 4:17 PM

**To:** Wendel, Jennifer <[Wendel.Jennifer@epa.gov](mailto:Wendel.Jennifer@epa.gov)>;

Nonresponsive based on revised scope

**Cc:** Jeng, Terry <[Jeng.Terry@epa.gov](mailto:Jeng.Terry@epa.gov)>;

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Gaines, Linda <Gaines.Linda@epa.gov>

Subject: RE: Documenting PFAS as a pollutant or contaminant

## Ex. 5 Deliberative Process (DP)

We do have MWs that will give us a dose above the RfD.

From: Wendel, Jennifer

Sent: Thursday, April 11, 2019 4:08 PM

To: Baker, Lorie <Baker.Lorie@epa.gov>;

Nonresponsive based on revised scope

Cc: Jeng, Terry <Jeng.Terry@epa.gov>;

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Gaines, Linda <Gaines.Linda@epa.gov>

Subject: RE: Documenting PFAS as a pollutant or contaminant

It would mean that the levels to not rise to the level of "pollutant or contaminant". Do you have levels above 500 ppt in any wells?

*Jennifer Wendel*

Office of Superfund Remediation and Technology Innovation  
US Environmental Protection Agency  
1200 Pennsylvania Avenue, NW  
Washington DC 20460  
phone: 404-562-8799  
[wendel.jennifer@epa.gov](mailto:wendel.jennifer@epa.gov)

From: Baker, Lorie

Sent: Thursday, April 11, 2019 3:35 PM

To: Wendel, Jennifer <Wendel.Jennifer@epa.gov>;

Nonresponsive based on revised scope

Cc: Jeng, Terry <Jeng.Terry@epa.gov>;

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Gaines, Linda <Gaines.Linda@epa.gov>

Subject: RE: Documenting PFAS as a pollutant or contaminant

Hi Jennifer,

## Ex. 5 Deliberative Process (DP)

Lorie

From: Wendel, Jennifer

Sent: Thursday, April 11, 2019 1:10 PM

To: Baker, Lorie <Baker.Lorie@epa.gov>;

Nonresponsive based on revised scope

Cc: Jeng, Terry <Jeng.Terry@epa.gov>;

Nonresponsive based on revised scope

Nonresponsive based on revised scope

Gaines, Linda <Gaines.Linda@epa.gov>

Subject: RE: Documenting PFAS as a pollutant or contaminant

Hi Lorie.

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

*Jennifer Wendel*

Office of Superfund Remediation and Technology Innovation  
US Environmental Protection Agency  
1200 Pennsylvania Avenue, NW  
Washington DC 20460  
phone: 404-562-8799  
[wendel.jennifer@epa.gov](mailto:wendel.jennifer@epa.gov)

**From:** Baker, Lorie  
**Sent:** Thursday, April 11, 2019 12:13 PM  
**To:** **Nonresponsive based on revised scope**  
**Cc:** Jeng, Terry <[Jeng.Terry@epa.gov](mailto:Jeng.Terry@epa.gov)>; **Nonresponsive based on revised scope**  
**Nonresponsive based on revised scope**; Wendel, Jennifer  
<[Wendel.Jennifer@epa.gov](mailto:Wendel.Jennifer@epa.gov)>; **Nonresponsive based on revised scope**  
**Subject:** RE: Documenting PFAS as a pollutant or contaminant

# Ex. 5 Deliberative Process (DP)

Lorie

**From:** **Nonresponsive based on revised scope** <[dgdit.com](mailto:dgdit.com)>  
**Sent:** Thursday, April 11, 2019 11:42 AM  
**To:** Baker, Lorie <[Baker.Lorie@epa.gov](mailto:Baker.Lorie@epa.gov)>  
**Cc:** Jeng, Terry <[Jeng.Terry@epa.gov](mailto:Jeng.Terry@epa.gov)>; **Nonresponsive based on revised scope**  
**Nonresponsive based on revised scope**; Wendel, Jennifer  
<[Wendel.Jennifer@epa.gov](mailto:Wendel.Jennifer@epa.gov)>; **Nonresponsive based on revised scope**  
**Subject:** RE: Documenting PFAS as a pollutant or contaminant

Dear Lorie,

Regarding your question as to whether the Region memo 2 is sufficient to document perfluorinated acids (PFAS) as a pollutant or contaminant for the Blades HRS package, what exactly needs to be included in the HRS package depends upon how PFAS are going to be evaluated.

# Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Please let me know if you have any other questions or would like to arrange a call.

Thanks!

Nonresponsive based on revised scope

Environmental Scientist  
Federal Civilian – Science and Engineering

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[www.gdii.com](http://www.gdii.com)

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**GENERAL DYNAMICS**  
Information Technology

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**From:** Baker, Lorie <[Baker.Lorie@epa.gov](mailto:Baker.Lorie@epa.gov)>  
**Sent:** Tuesday, April 9, 2019 2:41 PM  
**To:** Nonresponsive based on revised scope <[@csra.com](mailto:@csra.com)>  
**Cc:** Jeng, Terry <[Jeng.Terry@epa.gov](mailto:Jeng.Terry@epa.gov)>  
**Subject:** Documenting PFAS as a pollutant or contaminant

Nonresponsive based on revised scope

Can we use the attached memo from Region 2 to document PFAS being a pollutant or contaminant for our Blades HRS package? I think EPA's schedule is to have PFOA and PFOS classified as hazardous substances by October of this year, but that falls a little beyond our Sept. update.

Thanks!

Lorie

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